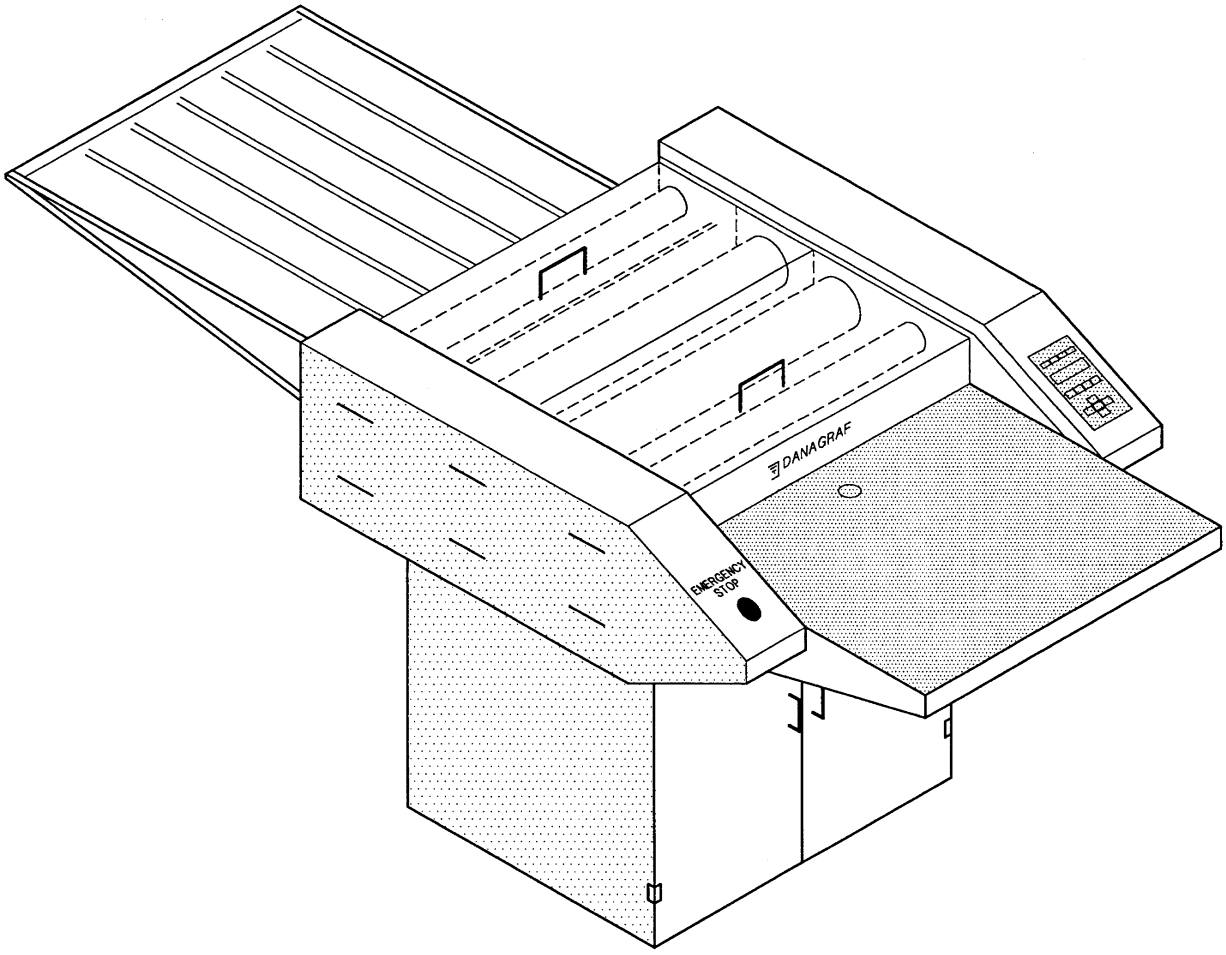
# USER MANUAL




## DG 66 / 86D

1:15 970815 / JOA 6314-00B

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# NOTICE

All statements, technical information and recommendations contained herein are based on tests, we believe to be reliable, but accuracy of completeness thereof is not guarantied and the following is made in lieu of all warranties, expressed or implied:

Before using, user shall determine the suitability of the product for his intended use, and user assumes all risks and liability, whatsoever in connection therewith.

The processor is, to the best of our knowledge, suitable to work with all types of chemistries known to the graphic market.

No statement or recommendation not contained herein, shall have any force or effect in any agreement signed by officers of sellers and manufacturer.

Sincerely Yours.

DANAGRAF A/S.

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# INTRODUCTION

This Graphic Film Processors is equipped with the revolutionary “Tip- Touch” control panel. This feature, presented as a built-in control pad, enables even the unskilled operator to perform all processor settings in a logic way, with visual control of all data input. At any time the operator can check the status of the chemistry, temperatures, processing speed, etc.

The ergonomic design, working height, accessibility and multitude of features will economise your operating, as well as your maintenance time and guarantee a high standard of reliability.

The user of this Graphic Processors will be able, with help of this selfexplaining manual, to operate the unit to its full extend and produce quality output from the beginning.

**GOOD LUCK!**

# TECHNICAL DATA

## FOR PROCESSOR DG 66 / 86D

| | |
|---|---|
| Height | 1050 mm / 41.3” |
| Width | 1100/1300 mm / 43.3/51.2” |
| Length | 2320/2680 mm / 91.3/105.5” |
| Weight, | |
| Power Supply | 220 - 240V 50/60Hz |
| Power consumption total | 2300 W |
| Max. plate width | 660/860 mm / 26/33.4” |
| Min. plate width | 200 mm / 7.9” |
| Min. plate length | 300 mm / 11.8” |
| Adjustable process speed (Dwell time) | 20 - 60 sec. |
| Process speed with 20 sec. is 900 mm / min. | |
| Adjustable temp. Dev. | 15 - 45$^0$C / 59 -113$^0$F |
| Adjustable temp. Dryer | 40 - 65$^0$C / 72 -149$^0$F) |
| Adjustable Brush Speed | 0 - 99% |
| Adjustable replenishment, Dev./Gum. | 0 - 999 ml / m$^2$ |
| Brush Speed | |
| Adjustable Gum Pump time | 0 - 20 sec, default = 2 sec. |
| Adjustable Gum Pump Interval | 0 - 250 cm, default = 50 cm. |
| Rewash program (Wash / Gum / Dry) | |
| Internal clock | |
| 9 User + 1 Night Program | |
| Automatic water solenoid for water saving | |
| Automatic water re-circulating unit (optional) | |
| Automatic On / Off function | |
| Anti-oxidation program Dev/Gum replenishment | 0 - 99 ml / hr |
| Tank capacity Dev. | 15/20 L / 4.0/5.3 US Gal. |
| Counter for hours of operation | hr |
| Counter for amount of film processed | m$^2$ |
| Counter for amount of replenishment | L |
| Filter replacement warning Dev. | |
| Motor overload warning | |
| Water connection | 3/4” |

*Working range: 10 - 45$^0$C (50 - 113$^0$F) 30- 90% humidity*

# GENERAL DESCRIPTION

The processor can be in one of the following modes:

1) **“OFF”** Processor is powered. For startup push the “ON” button. (With Main supply ON)

2) **“ON”** Processor can be in “READY MODE”, “NIGHT MODE” or ”WARMING UP”

3) **“OFF”** Processor is not powered, when the “Emergency Stop” is activated or the Main supply is OFF. The internal clock runs on a battery.

## Developing:

As soon as material is detected by the inlet sensor, the processor will start running. When the trailing edge of the plate reaches the brush rollers, these will change direction and brush against the direction of the plate, this will prevent bending of plate. When the leading edge of the plate reaches the entrance of the water section, the water supply and brush rollers will be activated. In order to reduce the water consumption, both water and brush rollers will stop, when the end of the plate leaves the brush rollers. When the plate approach the dryer section, this will start up and dry the plate when it passes through the section.

Replenishment will take place in relation to the chosen amount per $m^2$, depending on the programmed plate width.

After completion of the running time, when the plate has left the output, the processor will resume ”READY MODE” and maintain bath temperatures. A new plate can be entered when the illuminated ”No Input” has been switched off.

## Rewash: (only installed on request)

When entering a plate through the “Rewash” slot, you will start the processor by entering the rewash sub-menu. In the Rewash menu you will have the possibility to enter the length of the plate, this ensures a correct period of time which the processor will have to be active.

## No input:

When the “NO INPUT” on the Control Panel is lit, the processor is not ready to receive any plates.

## Ready mode:

In the “READY” mode the processor maintains operational temperature and the circulation pumps will be running continuously. Replenishment takes place according to settings.

## Night Prog:

The processor will maintain the chosen temperatures in developer bath. The “ANTI OX” program will maintain the chemistry balance and turn the rollers to avoid crystallization, according to setting.

**NOTE:** Material input is not possible in this program.

## Week Prog:

Start and shut-down times for each day of the week are programmable, together with the “Night Program” settings.

## Time:

The built-in clock shows time, day, date, month and year. Setting and adjustment is possible. Runs on a battery during power failure.

## Status:

| | | |
|---|---|---|
| This menu shows: | Total operation time | |
| | Square meter of processed material | (2) |
| | Amount of Developer replenish used | (3) |
| | Amount of Fixer replenish used | (4) |

Position 2, 3, and 4 can be reset.

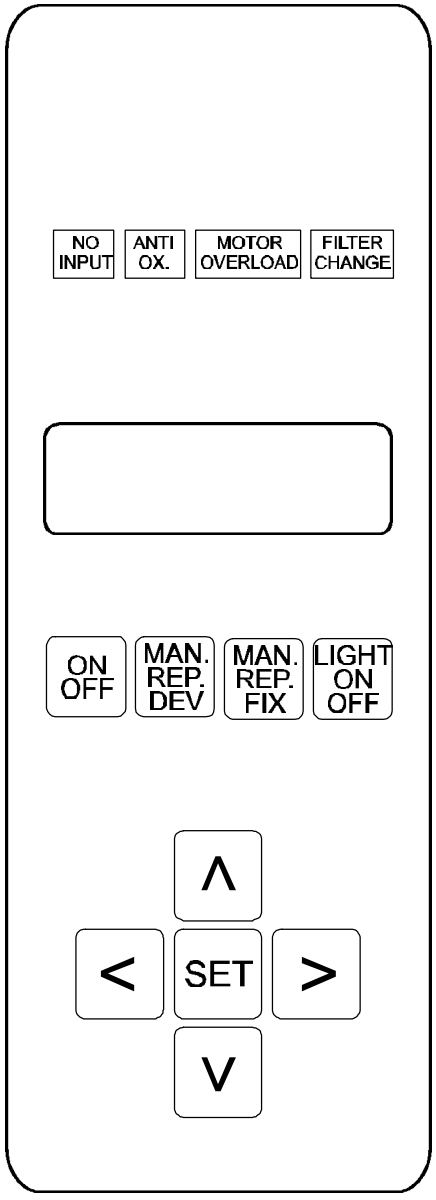
## Levels:

The developer, fixer and water tanks have individual level control. If the “NO INPUT” indicators begin to flash, the dev. and the fix. tanks will automatically be refilled. The pumps will work for max. 40 sec. to minimize damage in case of a leakage. You can also press the “MAN. REPL.” button and the pump (s) will pump as long as it is activated, in order to restore correct level. In case of low level the heater and the circulation pump will automatically stop to prevent overheating.

# CONTROL PANEL

The Processor is equipped with a “Tip-Touch” control panel which ease the users control of the Process.

The panel is designed to offer the user the best possible control, giving a very comprehensive data read-out, without being to complex.



## “NO INPUT”

The "NO INPUT" indicator Is lit whenever the status of the processor is not normal. The status Is not normal when:
- Temperature it; too low in Dev / Gum
- Temperature is too high in Dev
- "LOW LEVEL" in any tank
- Processor Is In "PROCESS MODE", either through front entry or Rewash feeding.

## “ANTI OX.”

This is lit whenever the "ANTI OX" program is active. This can be programmed individually, to give an amount of replenish of Developer and Fixer from 0 - 99 ml, every 60 min. The rollers also turn, to prevent crystallization and will run for minimum 5 sec.
If the processor is in "READY MODE", but has not been used for a longer time, the "ANTI OX" program will automatically work, depending on the setting.

## “MOTOR OVERLOAD”

This is lit, if an abnormal high load Is on the motor.

## “FILTER CHANGE”

When this is lit, one of the following filters needs to be changed:
For details, go to the chapter "Maintenance"

## “DISPLAY”

This is a LCD display, with a possibility of 4 lines of information at a time, of all the "MENU"s and "PROGRAM"s.

## “ON / OFF”

With this you can turn the processor "ON" or "OFF" manually, if you do not use the programmable TIMER for automatic "ON / OFF" function.

## “MAN. REP. DEVO”

This enables you, manually to pump up more developer, in case of ”LOW LEVEL”, after chemistry change, or if the automatic setting has been to low for refreshing the developer.

## “MAN. REP. GUM”

This enables you, manually to pump up more gum, in case of “LOW LEVEL”, after chemistry change, or if the automatic setting has been to low for refilling the gum.

## “LIGHT ON / OFF”

Here you can turn OFF the light in the DISPLAY, if developing red light sensitive materials.

| | |
|---|---|
| > | To enter (open) a program. |
| < | To exit a program. |
| ^ | To bring cursor up, or to **increase** value in any program, when it has been opened. |
| v | To bring cursor down, or to **decrease** value in any program, when it has been opened. |
| SET | To enter (confirm) setting. |

# PREPARATIONS

After the processor has been installed by a qualified technician, you can prepare to fill up the tanks with chemistry and water.

**NOTE:** Always follow the instructions given by the plate and chemistry manufacturer.

**Developer:**

The developer tank can be filled up automatically, just make sure that the dev. Probe is put into a tank with the developer chemestry. Also make sure that you always have enough chemestry in the tank from which you pump. To fill up the developer automatically, enter the sub-menu Tools. In here you have to select Fill Up Dev, and the processor will automatically fill up the developer tank. When it's full the pump will stop.
The dev. tank is the first tank marked with red.

**Gum:**

The gum tank can be filled up automatically, just make sure that the gum probe is put into a tank with the gum. Also make sure that you always have enough gum in the tank from which you pump. To fill up the gum automatically, enter the sub-menu Tools. In here you have to select Fill Up Gum, and the processor will automatically fill up the gum tank. When it's full the pump will stop.

**Water:**

If the processor is connected to a water-pipe, turn it on.
The water valve will only let in water, when the plate is passing through the water section of the Processor.

**Replenishment:**

Mix some additional Developer and Gum in separate containers. Place these under the processor and insert the 1/2" red hose into the Developer and the 1/2" transparent hose into the Gum container.

Now you can turn the processor ON" and set up the programs, according to your needs.

Press the "MAN. REP. DEV." and "MAN. REP. GUM." buttons for a few seconds, to make sure chemistry is pumped up through the system.

# CREATING PROGRAMS

## Choosing a program

| | |
|---|---|
| [>] | To enter (open) a program. |
| [<] | To exit a program. |
| [∧] | To bring cursor up, or to **increase** value in any program, when it has been opened. |
| [∨] | To bring cursor down, or to **decrease** value in any program, when it has been opened. |
| [SET] | To enter (confirm) setting. |

SYMBOLS IN THE DISPLAY:
" + " Means you can move the cursor up or down, from one program to the other.
" – " Means you can enter a program and change values.

When the processor has been turned "ON" on the Control Panel, you will find following in the Display:

**MAIN MENU**
D:25 (dev. temp.) Dwell:15 (speed)
READY or DEV.TEMP. : (if dev.temp) LOW or HIGH
PROGRAM : + 1

Press [>] : - will appear

Press [∧] or [∨] to choose Program number e.g. to open Program No 1

Press: [>] or to open Program No 1

Following Menu will appear:

| | | | |
|---|---|---|---|
| PROGRAM NO | : | 1 | (1 - 9 + NIGHT) |
| DEV. TEMP. | :+ | 25$^0$C | (15 - 45$^0$C / 59 -113$^0$F) |
| DRY TEMP. | : | 55$^0$C | (40 - 65$^0$C / 104 -149$^0$F) |
| DWELL TIME | : | 15 SEC | (10 - 60 sec.) |
| DEV.REPL | : | 100 ml / m$^2$ | (0 - 995 ml / m$^2$) |
| GUM REPL | : | 30 ml / m$^2$ | (0 - 995 ml / m$^2$) |
| BRUSH SPEED | : | 55 % | ( 9 - 99 %) |
| AOX. DEV. | : | 50 ml | (0 - 99 ml) |
| AOX. GUM | : | 10 ml | (0 - 99 ml) |
| PLATE WIDTH | : | 60 cm | (0 - 86) |

**NOTE:** There are 9 different factors in each program that can be set individual to have and maintain a perfect balance in the chemistry.

## Developer temperature setting:

Press [>] to open DEV. TEMP. setting, : - will appear

Press [∧] or [∨] to correct temperature

Press [SET] to enter (confirm) setting.

## Dryer temperature setting:

Press [∨] to bring cursor from the DEV. TEMP. to DRY TEMP. menu.

Press [>] to open DRY TEMP. setting, : - will appear

Press [∧] or [∨] to correct temperature

Press [SET] to enter (confirm) setting.

## Dwell time setting:

Press [∨] to bring cursor from DRY TEMP. menu, to DWELL TIME menu.

Press [>] to open DWELL TIME setting, : - will appear

Press [∧] or [∨] to correct time

Press [SET] to enter (confirm) setting.

## Developer replenishment setting:

Press [∨] to bring cursor from the DWELL TIME, to DEV REP. menu

Press [>] to open DEV. REP. setting, : - will appear

Press [∧] or [∨] to correct replenishment

Press [SET] to enter (confirm) setting.

## Gum replenishment:

Press [V] to bring cursor from DEV. REP menu to GUM REPL. menu.

Press [>] to open GUM REPL. setting, : - will appear

Press [Λ] or [V] to correct amount

Press [SET] to enter (confirm) setting.

## Brush speed:

Press [V] to bring cursor from the GUM REPL. to BRUSH SPEED menu.

Press [>] to open BRUSH SPEED setting, : - will appear

Press [Λ] or [V] to correct speed

Press [SET] to enter (confirm) setting.

## Anti-oxidation Dev. Repl.:

Press [V] to bring cursor from BRUSH SPEED menu, to AOX. DEV menu

Press [>] to open AOX. DEV setting, : - will appear

Press [Λ] or [V] to correct Repl.

Press [SET] to enter (confirm) setting.

## Anti-oxidation Gum. Repl.:

Press [V] to bring cursor from the AOX. DEV, to AOX. GUM menu

Press [>] to open AOX. GUM setting, : - will appear

Press [Λ] or [V] to correct amount

Press [SET] to enter (confirm) setting.

# Plate width:

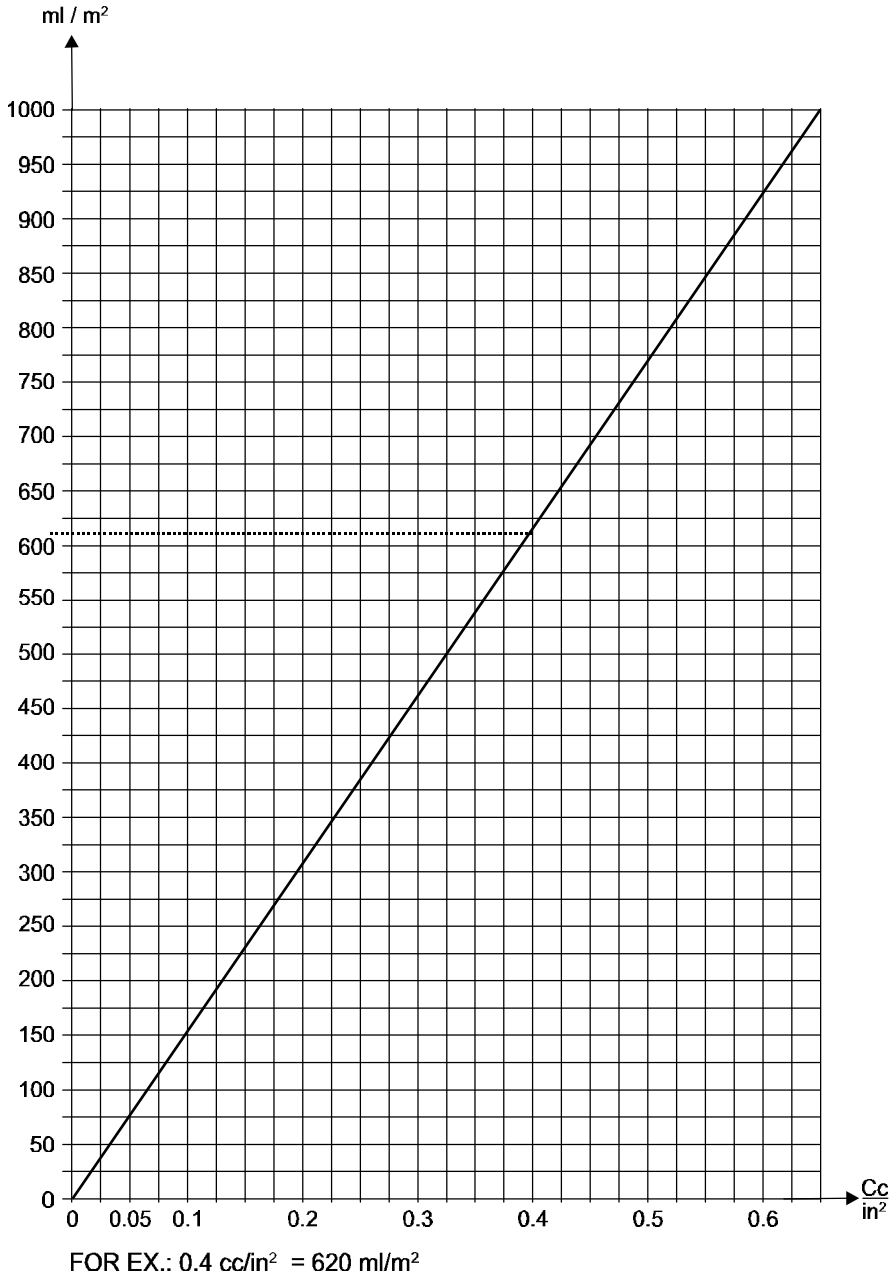
Press [V] to bring cursor from the AOX. GUM, to PLATE WIDTH menu

Press [>] to open PLATE WIDTH setting, : - will appear

Press [Λ] or [V] to correct amount

Press [SET] to enter (confirm) setting,

For converting between cc/sq.in - ml/$m^2$




FOR EX.: 0.4 cc/$in^2$ = 620 ml/$m^2$

# WEEK PROGRAMS:

You have the possibility to program the processor to turn ON and OFF, at a set time, any day of the week.
**Note:** If you use these programs, you must program the NIGHT PROGRAM, in order to make these function.

Press [<] to make sure that you are out of the programs.

Press [∧] or [∨] to the WEEK PROGRAM menu

Press [>] : - will appear

Press [∧] or [∨] to the correct day, e.g. MONDAY

Press [>] to open MONDAY setting

MONDAY

| | | |
|---|---|---|
| PROGRAM NO | : + | 0 |
| START HOUR | : | 08 |
| MIN | : | 00 |
| STOP HOUR | : | 17 |
| MIN | : | 00 |

Press [>] to open PROGRAM NO setting : - will appear

Press [∧] or [∨] to choose PROGRAM NO e.g. 1

Press [SET] to enter (confirm) setting :+ will appear

Press [∨] to bring cursor from PROGRAM NO to START HOUR menu

Press [>] to open START HOUR setting, : - will appear

Press [∧] or [∨] to correct hour

Press [SET] to enter (confirm) setting.

Press [∨] to bring cursor from START HOUR to START MIN, menu

Press [>] to open START MIN. setting, : - will appear

Press [∧] or [∨] to correct MINUTES

Press [SET] to enter (confirm) setting.

Press [∨] to bring cursor from the START MIN. to STOP HOUR menu

Press [>] to open STOP HOUR setting, : - will appear

Press [∧] or [∨] to correct HOUR

Press [SET] to enter (confirm) setting.

Press [∨] to bring cursor from the STOP HOUR to STOP MIN menu

Press [>] to open STOP MIN setting, : - will appear

Press [∧] or [∨] to correct MIN

Press [SET] to enter (confirm) setting.

Use the same procedure for the rest of the days of the week. After this you must program the NIGHT PROGRAM.

**Note:** If you do not want the processor to turn "ON" on e.g. Sundays, just enter too" in the "PROGRAM NO" under the "SUNDAY" menu.

# NIGHT PROGRAM:

This program along with the Week Program, will enable you to cut down waiting for the warming up time and by decreasing the temperature in the tanks. during the night, will result in energy savings.

To set the NIGHT PROGRAM go to the PROGRAM NO menu

Press [Λ] or [V] to the PROGRAM NO menu

Press [>] to open PROGRAM NO setting : - will appear

Press [V] to bring cursor to NIGHT PROGRAM

Press [>] to open NIGHT PROGRAM

Following will appear in the Display

| | | |
|---|---|---|
| PROGRAM NO | : + | NIGHT |
| DEV. TEMP | : | 20 $^{0}$C |
| FIX. TEMP | : | 20 $^{0}$C |
| AOX DELAY | : | 60 MIN |
| AOX DEV. | : | 20 mL |
| AOX FIX. | : | 20 mL |

Press [V] to bring cursor from DEV. TEMP menu

Press [>] to open DEV. TEMP setting, : - will appear

Press [Λ] or [V] to correct NIGHT DEV. TEMP

Press [SET] to enter (confirm) setting.

Use same procedure to set the other parameters.

**Note:** If you use the automatic ON / OFF function. Do not turn OFF the MAIN POWER switch.

# TIME ADJUSTMENT:

The built-in clock shows, time, day, date, month and year. To adjust use the following procedure:

Press [∧] or [∨] to the TIME menu

Press [>] : - TIME will appear

Press [∨] : - ADJUST will appear

Press [>] to open ADJUST menu

Following will appear in the Display:

| ADJUST TIME | | |
|---|---|---|
| YEAR | : + | xx |
| MONTH | : | xx |
| DAY | : | xx |
| DATE | : | xx |
| HOUR | : | xx |
| MINUTES | : | xx |

Press [>] to open ADJUST YEAR setting, : - will appear

Press [∧] or [∨] to correct YEAR

Press [SET] to enter (confirm) setting.

Press [∨] to bring cursor from YEAR to MONTH menu

Press [>] to open ADJUST MONTH setting, : - will appear

Press [∧] or [∨] to correct MONTH

Press [SET] to enter (confirm) setting.

Use the same procedure to program the remaining parameters.

**NOTE: The clock Is a 24 hour clock, according to international standard,**
**00:00 -- 11:69 = a.m.**
**12:00 -- 23:69 = p.m.**

# WASH SECTION

The wash section is intended to remove any excessive chemistry from the material, before it enters the gum and dryer.
The water should normally be connected to an in-house water-pipe, with natural pressure. There is a built-in restrictor in the electrical water solenoid, to ensure the correct amount of water circulation.
The water tank can also be connected to an external water cleaning unit, which cleans and circulates the water. This will save a lot of water and ensure, that the water going to the drain is perfectly clean, to comply to local laws and regulations.

## Rewash:

On top of the processor you have a Rewash Slot in case you wish to rewash, gum and dry your retouched plate.
To use this feature, use the following procedure:

Press [∧] or [∨] to the Rewash menu.

Press [>] to enter the Rewash menu.

Press [∧] : ADJUST, will appear.

Press [>] : PLATE LENGTH: + XXX cm will appear.

Press [>] : PLATE LENGTH: - XXX cm will appear.

Press [∧] or [∨] to select the right plate length.

Press [<] to return to Main Menu.

Press [>] to enter the Rewash menu again.

Press [∨] : - RUN, will appear.

Press [>] and the processor will start up.

After a certain time which depends on the chosen plate length, the processor will stop again.

Press [<] until you are back in the Main Menu.

# STATUS PROGRAM

In this program you can check the total running time of the processor, the amount of developed film and the amount of used developer and fixer for replenishment.

Press [Λ] or [V] to the STATUS menu

Press [>] to open the STATUS menu

Following will appear in the Display:

| STATUS | | |
|---|---|---|
| POWER ON | : + | XXX HR |
| FILM | : | XXX $M^2$ |
| DEV REPL | : | XXX L |
| FIX REPL | : | XXX L |

Parameters 2, 3 and 4 can be reset to zero, when you change chemistry.

Press [Λ] to bring cursor to RESET

Press [>] to open ARE YOU SURE ? (->) will appear

Press [>] to reset values.

# FILTER PROGRAM

In this program you have the possibility to see how long time the filter has been used, and set how long time you will use it.

Make sure that you are in the Main Menu.

Press [∧] or [∨] to the FILTER menu.

Press [>] to open the FILTER menu.

Press [∧] or [∨] to select DEV filter.

Press [>] to open the DEV FILTER menu.

Press [∧] or [∨] to choose OK.

Press [>] to enter the DEV FILTER menu.

In here in the DEV FILTER menu you can see how long time the filter has been in use. You can set when you would like to change tje filter. When the filter has been used for a period of time which correspond to your setting, the Filter Charge indicator will stert to flash.

You can use the same procedure to control a water filter.

When you change filter, you should reset the IN USE, this is done by entering the RESET function and press the arrow to your right.

# TOOLS MENU

This sub menu utilizes a few tools, which might be needful. The menu consist of the following:

Fill Dev : Low / Filling / Full

Fill Fix : Low / Filling / Full

Motor : Off / On

The statusline, the empty line above Fill Dev, will be filled with " + " when the motor is running. This makes it possible for service engineers to see whether the tacho sensor is working or not. When the motor is off, the line is left blank.

The Fill Dev and Fill Fix options, makes it possible for the user of the Processor to fill up the bath by using the replenish pumps. The message after the Fill Dev or Fill Fix tells you what state the Processor is in, Low, Filling or Full.

If you have a low level in either of the Dev or Fix baths, use the following procedure to fill up the bath automatically.

Press [Λ] or [V] to the "TOOLS" menu

Press [>] :- TOOLS will appear

Now the following menu will appear

Fill Dev : Low/Full
Fill Fix : Low/Full
Motor : Off

If either of the Dev or Fix is Low, the following procedure will apply.

Press [Λ] or [V] to the menu showing Low.

Press [>] to open menu.

Now the Processor will start filling up the chosen bath. When the level has been corrected, the replenishpumps will stop.

Press [<] to stop the filling and to exit to the Main menu.

If you have a Film Jam, you can use the Motor menu to drive out the material. However, this feature should only be used when the no material is stuck around any of the rollers. To use this feature, use the same procedure as above described.

# MAINTENANCE

## Routine cleaning:

The most effective way to avoid operating difficulties is to regularly clean the processor, its hoses and the replenishment pumps.

Chemistry is subject to oxidisation and even though the machine has its own program to eliminate this problem, the operator should pay special attention to preserving the chemistry and removing crystallized deposits from the equipment.

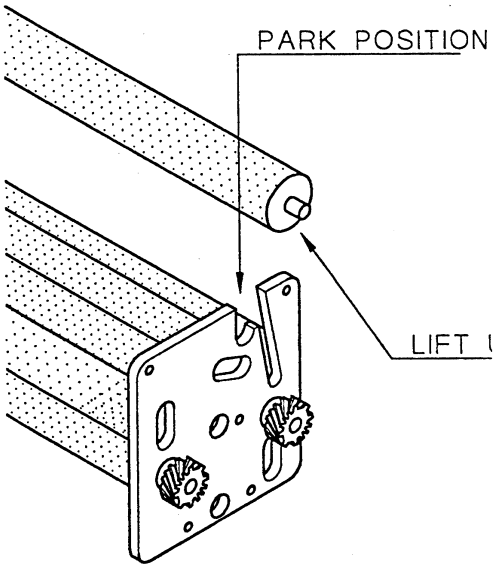
The use of floating lids on the replenishment containers to keep out the air can help a great deal to preserve the chemistry which will also give better results and create fewer problems.

The following suggestions are simple, but extremely necessary. They will help enormously to avoid spoiled work, wasted time, lost tempers and unnecessary expense.

**NOTE:** When you remove the top cover, the processor can not run (for your safety). Be careful, always to mount the various parts in the correct position after cleaning.

## IMPORTANT: (Every day)

**If the night program is not used, or the processor Have no power during the night, lift up the gum roller To park position when the processor is not in use.**




Clean the plate feed table
Use seperate damp cloth to clean guides
And each set of upper roller.

## Every week:

(in addition to above)

Turn OFF the processor and remove all three roller racks. Clean them carefully with lukewarm water, using separate cloths for each rack.

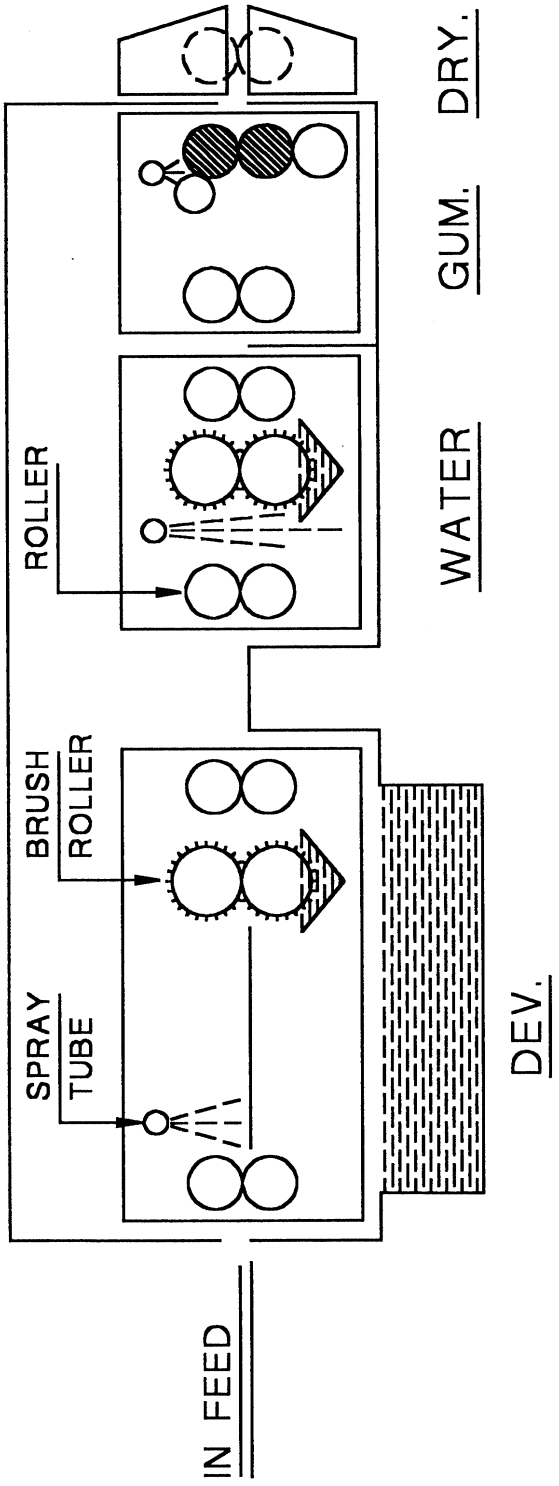
# Occasionally:
( in addition to above)

Drain the Dev and Gum baths and empty the replenishment containers.

Fill the baths and replenishment containers with water and ensure that the racks, baths, hoses and containers are thoroughly washed by flushing and pumping water through each bath / system.
After refilling the baths, repeatedly press the manual replenishment buttons for the developer and gum to eliminate any air pockets in the system.

(THIS PAGE IS NOT IN USE)

# FUNCTIONALLY SKETCH



# TROUBLE SHOOTING

## General quality control statement

If there is a reduction in the quality of the processed materials, it can probably be solved by checking the control settings, the operational procedures, or by giving a little extra attention to the routine cleaning. A small amount of time invested in "SELF HELP" will usually avoid a lot of wasted time and possible expense which will result from calling in a service technician.

If, however, the problem seems to be electrical or mechanical, do not attempt such complex trouble shooting unless you are well qualified to do so.

Great care has been taken in the development, specification, and manufacture of this equipment to ensure that it will give many years of reliable performance and quality. It should therefore be expected that "REAL" technical problems will be rare and, if encountered, will involve the chemistry and materials, or the routine cleaning.

The following pages will provide answers to the most common problems that can be encountered when processing work.

# TROUBLESHOOTING GUIDE

| PROBLEM | SOLUTION |
|---|---|
| The processor is not working | * Make sure that the machine is plugged in<br>* Check wether the fuse is ok.<br>* Check that the emergency switch is not activated. |
| The processor do not work and display shows “safety switch activated” | * Place the toplid correctly on the Processor |
| The developer level in the bath is low. | * Check that the level in the Dev Repl container is OK<br>* Check that the Dev Repl pump works.<br>* Check that the level sensor works.<br>* Check that the Dev Level probe is in the right container. |
| Too little chemistry in the spray tube | * Check that the flow valve is open.<br>* Check for sufficient chemistry in the tank.<br>* Has the filter or pump been blocked.<br>* Check that the pump is working. |
| The processor is not heating the developer chemistry. | * Check that the level in the tank is OK<br>* Check that the circulation pump is working |
| There is insufficient water level in tank. | * Are both the tap on the Processor and on the wall open?<br>* Check for blockage occured in spray tube. |
| The Gum level in the bath is low. | * Check that the Gum pump works.<br>* Check that there is sufficient Gum in repl container.<br>* Check that the Gum probe is in the right container. |
| There is too little Gum in the spray tube | * Check for blockage in the spray tube<br>* Check that the flow tap inside the processor is open<br>* Check that the Gum pump works |
| The plate is comming out wet | * Check that the dryer fan is working<br>* Check that the heater works |
| Background on the plate | Adjust the Brush Pressure, see Page 32. |

If the background is not clear for emulsion on the plate, we will recommend to adjust the pressure between the Brush roller in the developer section and the water section.

The pressure can be adjusted with an Allan Key 3 mm, see drawing below and pay attention to adjust the left and right side to the same pressure.